



## Yakima Historic Preservation Commission

### Application for Certificate of Appropriateness

Date Submitted: 5/12/15
Building/Property Name: GRIFF
Building/Property Address: 208 South 26th Avenue Yakima, WA 98902
Historic District (if applicable):
Applicant's Name: PROSTAT ELECTRIC
Applicant's Address: 8122 NE 91 <sup>st</sup> Street Vancouver, WA 98662
Applicant's Telephone: 503-539-7772
Applicant's Email: dale.krueger@comcast.net
Property Owner's Name (if different from applicant): Steve Griff
Property Owner's Address: 208 South 26th Avenue Yakima, WA 98902
Property Owner's Signature:  <i>(The application must be signed by the property owner to be processed. By signing this application, the owner confirms that the application has been reviewed and approves of the proposed scope of work.)</i>

#### A Certificate of Appropriateness is requested for:

(Check one type of review)

- ☐ Type I Administrative Review (for repairs and replacements-in-kind); or
- ☒ Type II Commission Review for the following proposed work (check all that apply):
- ☒ Exterior alteration                      ☐ Interior alteration                      ☐ Signage
- ☐ New construction (addition or new building)
- ☐ Preliminary Approval (for large projects that may require phased approvals)



## Yakima Historic Preservation Commission

### Application for Certificate of Appropriateness

Date Submitted: 5/12/15
Building/Property Name: GRIFF
Building/Property Address: 208 South 26th Avenue Yakima, WA 98902
Historic District (if applicable):
Applicant's Name: PROSTAT ELECTRIC
Applicant's Address: 8122 NE 91 <sup>st</sup> Street Vancouver, WA 98662
Applicant's Telephone: 503-539-7772
Applicant's Email: dale.krueger@comcast.net
Property Owner's Name (if different from applicant): Steve Griff
Property Owner's Address: 208 South 26th Avenue Yakima, WA 98902
Property Owner's Signature: 
<i>(The application must be signed by the property owner to be processed. By signing this application, the owner confirms that the application has been reviewed and approves of the proposed scope of work.)</i>

#### A Certificate of Appropriateness is requested for:

(Check one type of review)

- ☐ Type I Administrative Review (for repairs and replacements-in-kind); or
- ☐ Type II Commission Review for the following proposed work (check all that apply):
- ☐ Exterior alteration                      ☐ Interior alteration                      ☐ Signage
- ☐ New construction (addition or new building)
- ☐ Preliminary Approval (for large projects that may require phased approvals)

☐ Demolition/Waiver of Certificate of Appropriateness

☐ Other (please describe):

**Please describe the proposed scope of work in detail below or attach a description:**

See Attached

**Application Checklist:**

- ☐ Application form
- ☐ Property owner consent/signature
- ☐ Scaled drawings depicting proposed work
- ☐ Clear photographs of existing conditions of the building, object, site or structure
- ☐ Description of the proposed scope of work
- ☐ Samples of replacement materials

Submit completed application and supporting materials to:

Department of Community and Economic Development  
129 North Second Street  
Yakima, WA 98901

Please note: The Yakima Historic Preservation Commission meets on the fourth Wednesday of each month. Completed applications are due four weeks prior to the meeting date you are targeting, so please plan accordingly. Incomplete or missing information will delay consideration of your application.



## DEPARTMENT OF COMMUNITY AND ECONOMIC DEVELOPMENT

Office of Code Administration \* codes @ ci.yakima.wa.us

129 North Second Street, 2nd Floor

Yakima, Washington 98901

(509) 573-0121 or 573-5121 \* Fax (509) 573-5776

BCD-15-0290

## BUILDING PERMIT APPLICATION FORM

Address: 219 North 34th Avenue Yakima, WA 98902

Parcel Number(s):

208 S. 26th Ave

Barge-Chestnut Historical District

18132334431

Advised contractor

☒ Residential ☐ Commercial☐ New ☒ Alteration Constr Type: \_\_\_\_\_

# of Units \_\_\_\_\_ # of Stories \_\_\_\_\_

Estimated cost of Construction: \$2,000.00

\_\_\_\_ Sprinklered \_\_\_\_ A/C \_\_\_\_ Fire Alarm

Sq. Ft: 1<sup>st</sup> Floor \_\_\_\_\_ Sq. Ft: 2<sup>nd</sup> Floor \_\_\_\_\_St. Ft: 3<sup>rd</sup> Floor \_\_\_\_\_ Sq. Ft: Basement: \_\_\_\_\_

Sq. Ft: Garage \_\_\_\_\_ Carport: \_\_\_\_\_

Sq. Ft: Covered Porches or Patios \_\_\_\_\_

Project Description: SOLAR PV INSTALLATION

## Contact Person

Name: Dale Krueger

Address: 8122 NE 91<sup>st</sup> Street

City/State/Zip: Vancouver, WA 98662

Phone # (Day): 503-539-7772 Other \_\_\_\_\_

Fax #: 360-260-7064

e-mail: dale.krueger@comcast.net

Property Owner Same as Contact Person { }

Name: Steve Griff

Address: 208 South 26th Avenue

City/State/Zip: Yakima, WA 98902

Phone # (Day): 509-452-6174 Other \_\_\_\_\_

Fax #: \_\_\_\_\_

e-mail: \_\_\_\_\_

Contractor Same as Applicant { x }

Name: PROSTAT SERVICES

Address: 8122 NE 91<sup>st</sup> Street

City/State/Zip: Vancouver, WA 98662

Phone # (Day): 503-539-7772 Fax: 360-260-7064

State Contr. Lic #: PROSTE\*8900N Exp \_\_\_\_\_

e-mail: dale.krueger@comcast.net

Architect { }

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone # (Day): \_\_\_\_\_

Fax #: \_\_\_\_\_

e-mail: \_\_\_\_\_

I hereby certify under penalty of perjury of the Laws of the State of Washington that I have read and examined this application and know that the information contained herein is true and correct. I will comply with all provisions of law and ordinances governing this type of construction work, whether specified herein or not. I understand that the granting of a permit does not authorize me in any way to violate or cancel any of the provisions of state or local law regulating the construction or performance of construction sought under this permit. I further certify, as applicant, that I am one of the three following general categories of applicants as indicated by my signature below:

{ x } a. Requirements of RCW 18.27 that a person engaged "in the pursuit of an independent business" as a contractor comply with the licensing provisions of that chapter do not apply to one who fulfills a single, isolated construction contract without any intent of undertaking further construction contracts in the future. One who undertakes to perform a single isolated construction contract need not comply with the registration requirements of RCW 18.27 in order to maintain a suit under that contract when he is not in the regular course of business engaged as a contractor.

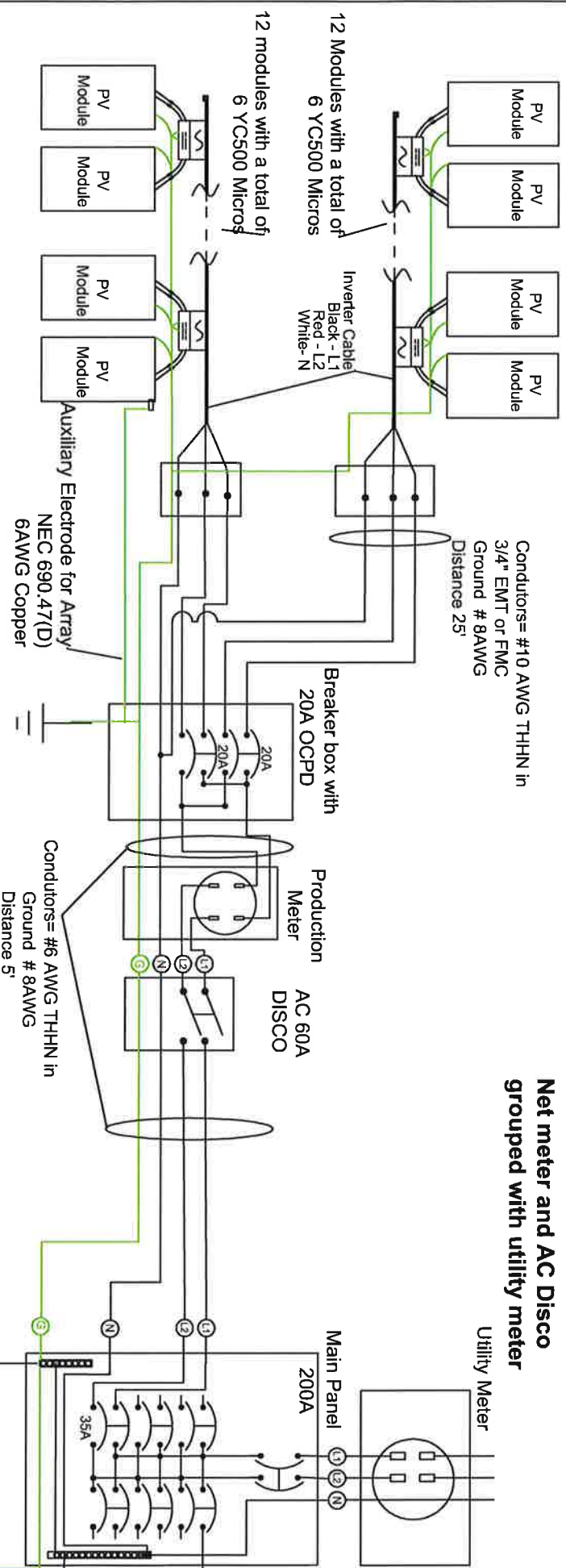
{ x } b. That I am currently registered and properly licensed as a general contractor or specialty contractor as defined under RCW 18.27.010 and 18.27.110 and am legally qualified to perform the work sought by this permit, or;

{ } c. That I am exempt from the requirements of the Contractor Registration Laws, RCW 18.27.010 and 18.27.110 and will do all my own work or use all registered and licensed subcontractors in connection with the work to be performed under this permit applied for herein.

Dale Krueger  
Applicant Name (Print)

Applicant Signature

4/17/15  
Date



**Net meter and AC Disco  
grouped with utility meter**

**PV Module Ratings**

Manufacture: itek  
Model #: IT 270  
Open-Circuit Voltage: 38.6V  
Operation Voltage: 31.7V  
Max String Voltage: 600V  
Operating Current: 8.2A  
Short-Circuit Current: 8.9A  
Max Series Fuse: 15A  
Maximum Power(STC): 270W  
VOC Temp Coeff: -.132%/C

**Inverter Specs:**

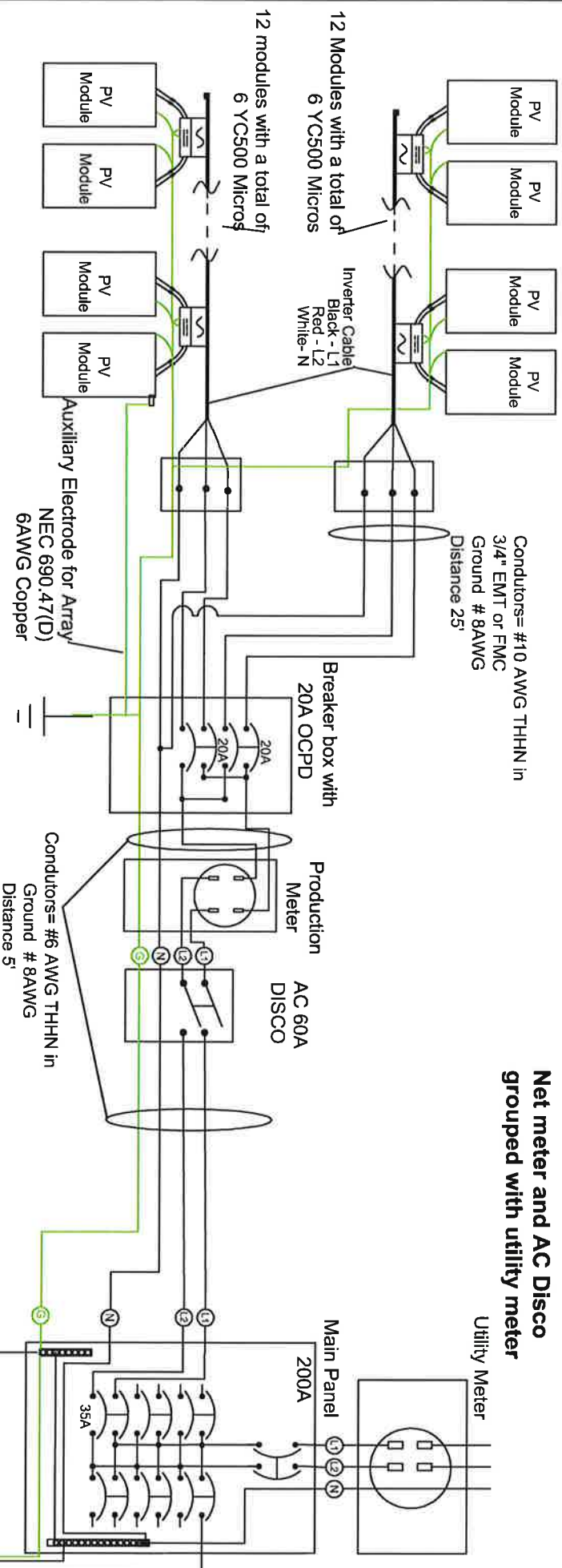
Manufacture: Blue Frog APS  
Module: YC500A  
Max Output Current: 2.08A  
Nominal Output Volts: 240V  
Output Frequency: 59.3hz-60.5hz  
Output Volt Range: 211V-264V

**Total number of Modules: 24**  
**System Size: 6.48 kW**

**AC Point of Interconnection  
(NEC 690.54):**  
Rated AC output: 25A  
(#of InvertersX2.08A)  
Nominal AC Voltage: 240V

Job: Griff  
Address: 208 S 26th Ave  
Yakima WA 98902

**BRIMMA Solar**



**Net meter and AC Disco  
grouped with utility meter**

### PV Module Ratings

Manufacture: itek  
 Model #: IT 270  
 Open-Circuit Voltage: 38.6V  
 Operation Voltage: 31.7V  
 Max String Voltage: 600V  
 Operating Current: 8.2A  
 Short-Circuit Current: 8.9A  
 Max Series Fuse: 15A  
 Maximum Power(STC): 270W  
 VOC Temp Coeff: -.132%/C

### Inverter Specs:

Manufacture: Blue Frog APS  
 Module: YC500A  
 Max Output Current: 2.08A  
 Nominal Output Volts: 240V  
 Output Frequency: 59.3hz-60.5hz  
 Output Volt Range: 211V-264V

**Total number of Modules: 24**

**System Size: 6.48 kW**

**AC Point of Interconnection  
(NEC 690.54):**  
 Rated AC output: 25A  
 (#of invertersX2.08A)  
 Nominal AC Voltage: 240V

Job: Griff

Address:  
 208 S 26th Ave  
 Yakima WA 98902

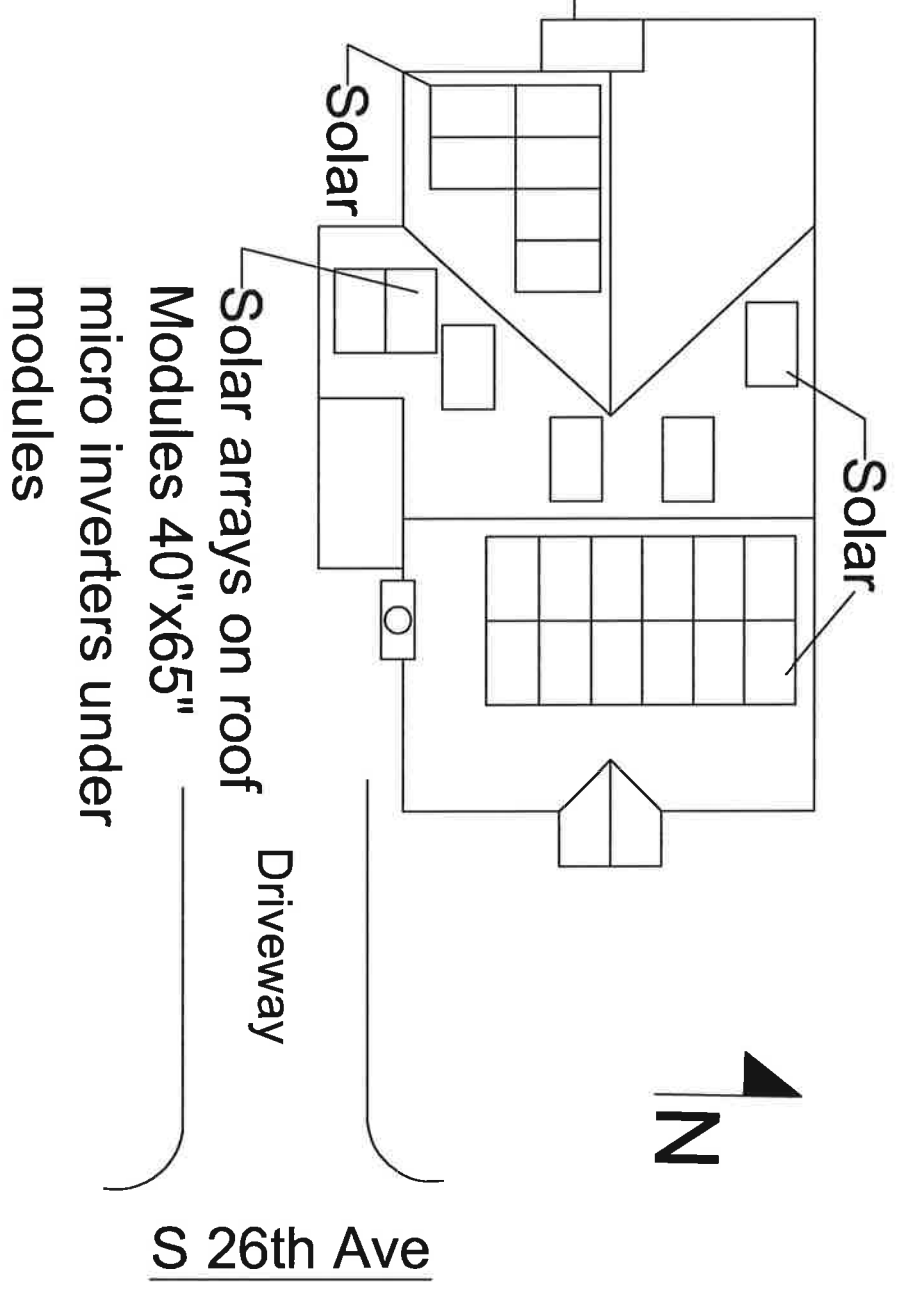
**BRIMMA Solar**

The diagram shows a house layout with a central hall. To the left of the hall is a kitchen with a sink, stove, and refrigerator. To the right is a living area with a sofa and a coffee table. At the bottom is a bedroom with a bed. A bathroom is located between the kitchen and the living area. Solar panels are indicated by labels and arrows: one on the roof, one on the wall, and one on the floor.

**Installation complies with WAC  
51-51-2300 Section M2302**



PLL meter, disco &  
solar meter on  
side of home  
panel in basement



Job: Griff  
208 S 26th Ave  
Yakima WA 98902

Installation complies with WAC  
51-51-2300 Section M2302



# itek Energy HE Solar Modules

The high performance, high quality and affordable solar solution

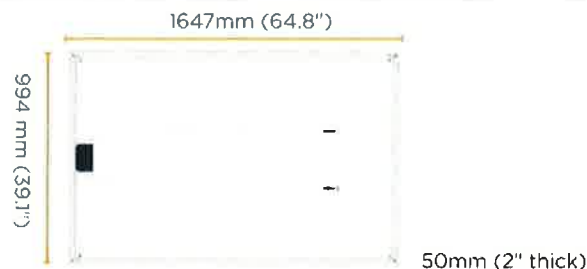


- Made-in-Washington using Cutting Edge High Efficiency Mono Crystalline Cells
- 25-Year Power Output Warranty
- 10-Year Workmanship Warranty
- Exceptional Power Density (watts/m<sup>2</sup>)



## GENERAL DATA

Cell type	60 Super High Efficiency Mono crystalline cells • 6 X 10 cell matrix • 3 by-pass diodes
Glass	Ultra clear, low iron tempered solar glass with anti-glare prismatic subsurface texture
Backsheet	Multi layered, highly resistant polyester
Frame	High strength anodized aluminum frame compatible with both top-down clamps and bottom flange mounting • Numerous flange mounting holes on inch dimension centers • Mounting holes specifically for micro-inverter applications
Cable	42" 90C 12 AWG PV wire
Connector	MC4
Grounding	Certified for Wiley Electronics WEEB™ grounding clips • Eight standard grounding locations per module for reduced ground wire length



Backside of Solar Module

## ELECTRICAL DATA\*

	IT 255 HE	IT 260 HE	IT 265 HE	IT 270 HE
Maximum Power - P <sub>max</sub> (Wp)	255	260	265	270
Maximum Power Voltage - V <sub>mp</sub> (V)	31.5	31.7	31.8	32.0
Maximum Power Current - I <sub>mp</sub> (A)	8.1	8.2	8.3	8.4
Open Circuit Voltage - V <sub>oc</sub> (V)	38.4	38.6	38.7	38.9
Short Circuit Current - I <sub>sc</sub> (A)	8.8	8.9	9.0	9.1
Power Density (W/m <sup>2</sup> )	155.8	158.8	161.9	164.9

\* Electrical characteristics may vary within  $\pm 3\%$  of the indicated values at Standard Test Conditions (STC): irradiance of 1000W/m<sup>2</sup>, AM 1.5 spectrum, cell temperature 25°C (77°F)

V03.0114

## MECHANICAL DATA

Dimensions	39.1" X 64.8" X 2"
Weight	43 lbs

## MAXIMUM RATINGS

Operational Temperature	-40...+ 90°C
Maximum System Voltage	600V
Design Load (UL 1703)	up to 113 lbs/ft <sup>2</sup>
Maximum Load (UL 1703)	551 kg/m <sup>2</sup> (5400 Pa)
Maximum Wind Load	113 lbs/ft <sup>2</sup>
Max Series Fuse Rating	15A
Max Reverse Current	15A

NOTE: Specifications subject to change without notice

## TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	48.20 °C
Temperature Coefficient of P <sub>max</sub>	- 0.47 %/°C
Temperature Coefficient of V <sub>oc</sub>	- 0.32 %/°C
Temperature Coefficient of I <sub>sc</sub>	+ 0.04 %/°C
Temperature Coefficient of V <sub>mp</sub>	- 0.45 %/°C

## QUALIFICATIONS

UL Listing	UL 1703
Fire Rating	Class C

Made in Washington State



360.647.9531 | itekenergy.com



# Itek Energy Limited Warranty

This Ten Year Limited Product Warranty and Twenty-Five Year Limited Service Warranty (the "Limited Warranty") is provided by Itek Energy, LLC ("Itek Energy"). It covers certain defects described below ("Covered Defects") in the following solar modules (the "Products") manufactured by Itek Energy: IT 240, IT 245, IT 250, IT 255, IT HE 255, IT HE 260, IT HE 265, IT HE 270, IT HE 275, IT HE 280

This Limited Warranty covers only the above Itek Energy Products. Products that do not appear on the Product list are not included in this Limited Warranty. The Limited Warranty is for the benefit of the initial purchaser of the Product and for bona fide subsequent purchasers who own or permissibly occupy the building on which the Product has been installed (collectively, "Purchasers").

## A. Ten Year Limited Product Warranty:

1. Itek Energy warrants that, for a period of ten (10) years beginning on the date on which the Product is purchased from Itek Energy (the "Initial Purchase Date"):
  - The Product is and will be free from any physical or mechanical defect in materials or workmanship which impairs the function of the Product
  - The Product will not be subject to any clouding or discoloration of the glass which impairs the function of the Product.
  - The Product's cable and connector plug will remain safe and operational.
  - The Product's aluminum frames will not freeze in cold weather and consequently impair the function of the Product.

Changes in the appearance of the Product, including scratches, stains, mechanical wear, rust, mould, optical deterioration, discoloration and other changes, which occur after delivery by Itek Energy and do not impair the function of the Product do not constitute Covered Defects for purposes of this Limited Warranty.

2. In the event a Product has a Covered Defect as described in this Section A during the warranty period, Itek Energy will provide one of the following remedies as selected by Itek Energy in its sole discretion: (i) repair the Product or defective component, (ii) supply a replacement Product or component, or (iii) refund an appropriate residual value of the Product.

## B. Twenty-Five Year Limited Service Warranty:

1. The Product which you have purchased has a performance specification within a certain tolerance range of 3% with regard to the power output (the so-called effective output). The relevant effective output can be found on the nameplate on the reverse of the Product. Purchasers understand and acknowledge that the actual output of the Products may decline slightly over a period of 25 years from the Initial Purchase Date.
2. Itek Energy guarantees that the actual output of the Product will decline by an average of less than 1% annually over a period of 25 years from the Initial Purchase Date and that, by the end of the 25th year from the Initial Purchase Date, produce an actual output of at least 80% of the actual output upon installation immediately after the Initial Purchase Date. In the event a Product does not comply with the warranty in this Section 2(B), Itek Energy will provide one of the following remedies as selected by Itek Energy in its sole discretion: (i) repair the Product or defective component or (ii) supply a replacement Product or component, in each case to the extent necessary to provide Purchaser with a Product which complies with the warranty in this Section 2(B). After the expiration of 15 years from the Initial Purchase Date, Itek Energy may in its sole discretion alternatively elect to refund an appropriate residual value of the Product.
3. Purchasers acknowledge that, when Itek Energy elects to supply replacement Products or components, it may supply used and/or repaired Products or components.

## C. Certain Limitations:

1. The effective output and the actual output of the Products are to be determined for purposes of this Limited Warranty under standard conditions, as described under IEC 60904, with associated testing conducted by either a qualified third party or Itek Energy (if the latter, in accordance with EN 50380).
2. This Limited Warranty does not impose responsibility on Itek Energy under any circumstances for (i) the cost of transporting the Product or repaired or replacement Products components, (ii) the cost of installing or re-installing Products or repaired or replacement Products, or (iii) any other costs or expenses not expressly described in this Limited Warranty as Itek Energy's responsibility.
3. Ownership of all Products which have been replaced pass to Itek Energy.
4. The period of the warranties provided in Paragraphs (A) and (B) shall begin on Initial Purchase Date and shall continue without being affected by any subsequent purchase of the Product. Nor shall they be extended for any reason, including in the event of a repair or exchange of a Product.

**D. Claims Procedure:** As a strict condition to each of Itek Energy's obligations under this Limited Warranty, you must send written notification of a Covered Defect directly to the address specified in Section (G) below. The notification must be accompanied by the original sales receipt for the purchase of the Product on the Initial Purchase Date. A notice of a defect subject to this Limited Warranty must be received by Itek Energy not later than forty-five (45) calendar days following the date on which the Purchaser becomes aware, or reasonably should become aware, of a Covered Defect. The return of a Product is permitted only with the prior written authorization of Itek Energy.

**E. Additional Conditions and Exclusions:** This Limited Warranty shall become null and void unless the Product is properly installed, used, operated, and maintained, whether by the Purchaser or a third party, in strict accordance with instructions and information provided by Itek Energy and as otherwise reasonable. Additionally, and without limitation of the preceding sentence, this Limited Warranty shall not apply to Covered Defects resulting from or associated with any of the following:

- A Product, including any cable, plug or other component being positioned in water
- Abrasion on a rough lower surface owing to insufficient fixing or owing to unprotected running of the cable over sharp edges
- Exchange, repair or modification of the Products except in compliance with instructions furnished by Itek Energy
- Damage or destruction caused in whole or in part by persons or animals
- Incorrect storage or inappropriate transport before installation if not within the direct control of Itek Energy
- Damage to the customer system or incompatibility of the customer's system equipment with the Product
- Use of Products on mobile units such as vehicles or ships
- The effect of dirt, other foreign substances or other contamination on the face-plate, including, by way of example, smoke, salt or chemicals
- Force majeure such as flooding, fire, explosions, rock-falls, direct or indirect lightning strikes or other extreme weather conditions (e.g., hail, hurricanes, tornados, sand or dust storms), or other circumstances outside the control of Itek Energy.
- Removal or alteration of, damage to or rendering unreadable (by any person) any label or serial number on Product.

**F. Limitation of Liability:** The remedies set forth in this Limited Warranty are the exclusive remedies available to the Purchaser. Itek Energy shall not be liable for damage, injury or loss arising out of or related to a Product except as expressly set forth in this Limited Warranty. In particular, but without limitation, under no circumstances shall Itek Energy be liable for incidental, punitive, consequential, special or other indirect damages in any way connected with a Product or its use. Itek Energy's aggregate liability, if any, shall in any case be limited to the Product's purchase price.

**G. Contacts:** All communications required or otherwise relating to this Limited Warranty must be in writing and sent to the following address: Itek Energy, LLC, 3886 Hammer Dr., Bellingham, WA 98226

**H. Choice of Law:** This Limited Warranty, including without limitation the rights and responsibilities granted hereunder, shall be governed and construed in accordance with the laws of the State of Washington, without regard to the conflicts of law provisions thereof.

**I. Disclaimer:** This Limited Warranty is expressly intended to exclude all other express or implied warranties, including without limitation the warranties of merchantability and fitness for a particular purpose. This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties or the exclusion or limitation of damages, so some of the above limitations may not apply to you.

**J. Severability:** If any provision of this Limited Warranty is held unenforceable or illegal, or otherwise limited in its application, by a court or other authority with competent jurisdiction, such provisions shall be modified to the minimum extent required such that the rest of this Limited Warranty will continue in full force and effect in accordance with its terms.

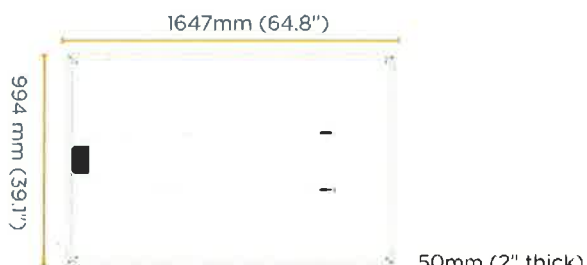


- Made-in-Washington using Cutting Edge High Efficiency Mono Crystalline Cells
- 25-Year Power Output Warranty
- 10-Year Workmanship Warranty
- Exceptional Power Density (watts/m<sup>2</sup>)



#### GENERAL DATA

Cell type	60 Super High Efficiency Mono crystalline cells • 6 X 10 cell matrix • 3 by-pass diodes
Glass	Ultra clear, low iron tempered solar glass with anti-glare prismatic subsurface texture
Backsheet	Multi layered, highly resistant polyester
Frame	High strength anodized aluminum frame compatible with both top-down clamps and bottom flange mounting • Numerous flange mounting holes on inch dimension centers • Mounting holes specifically for micro-inverter applications
Cable	42" 90C 12 AWG PV wire
Connector	MC4
Grounding	Certified for Wiley Electronics WEEB™ grounding clips • Eight standard grounding locations per module for reduced ground wire length



Backside of Solar Module

#### ELECTRICAL DATA\*

	IT 255 HE	IT 260 HE	IT 265 HE	IT 270 HE
Maximum Power - P <sub>max</sub> (Wp)	255	260	265	270
Maximum Power Voltage - V <sub>mp</sub> (V)	31.5	31.7	31.8	32.0
Maximum Power Current - I <sub>mp</sub> (A)	8.1	8.2	8.3	8.4
Open Circuit Voltage - V <sub>oc</sub> (V)	38.4	38.6	38.7	38.9
Short Circuit Current - I <sub>sc</sub> (A)	8.8	8.9	9.0	9.1
Power Density (W/m <sup>2</sup> )	155.8	158.8	161.9	164.9

\* Deviations of electrical parameters may vary within +/- 3% of the indicated values at Standard Test Conditions (STC) irradiance of 1000W/m<sup>2</sup>, AM 1.5 spectrum, cell temperature 25°C (77°F)

V03.0114

#### MECHANICAL DATA

Dimensions	39.1" X 64.8" X 2"
Weight	43 lbs

#### MAXIMUM RATINGS

Operational Temperature	-40...+ 90°C
Maximum System Voltage	600V
Design Load (UL 1703)	up to 113 lbs/ft <sup>2</sup>
Maximum Load (UL 1703)	551 kg/m <sup>2</sup> (5400 Pa)
Maximum Wind Load	113 lbs/ft <sup>2</sup>
Max Series Fuse Rating	15A
Max Reverse Current	15A

NOTE: Specifications subject to change without notice

#### TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	48.20 °C
Temperature Coefficient of P <sub>max</sub>	- 0.47 %/°C
Temperature Coefficient of V <sub>oc</sub>	- 0.32 %/°C
Temperature Coefficient of I <sub>sc</sub>	+ 0.04 %/°C
Temperature Coefficient of V <sub>mp</sub>	- 0.45 %/°C

#### QUALIFICATIONS

UL Listing	UL 1703
Fire Rating	Class C
Made in Washington State	



360.647.9531 | itekenergy.com





# Itek Energy Limited Warranty

This Ten Year Limited Product Warranty and Twenty-Five Year Limited Service Warranty (the "Limited Warranty") is provided by Itek Energy, LLC ("Itek Energy"). It covers certain defects described below ("Covered Defects") in the following solar modules (the "Products") manufactured by Itek Energy: IT 240, IT 245, IT 250, IT 255, IT HE 255, IT HE 260, IT HE 265, IT HE 270, IT HE 275, IT HE 280

This Limited Warranty covers only the above Itek Energy Products. Products that do not appear on the Product list are not included in this Limited Warranty. The Limited Warranty is for the benefit of the initial purchaser of the Product and for bona fide subsequent purchasers who own or permissibly occupy the building on which the Product has been installed (collectively, "Purchasers").

## A. Ten Year Limited Product Warranty:

1. Itek Energy warrants that, for a period of ten (10) years beginning on the date on which the Product is purchased from Itek Energy (the "Initial Purchase Date"):
  - The Product is and will be free from any physical or mechanical defect in materials or workmanship which impairs the function of the Product
  - The Product will not be subject to any clouding or discoloration of the glass which impairs the function of the Product.
  - The Product's cable and connector plug will remain safe and operational
  - The Product's aluminum frames will not freeze in cold weather and consequently impair the function of the Product.

Changes in the appearance of the Product, including scratches, stains, mechanical wear, rust, mould, optical deterioration, discoloration and other changes, which occur after delivery by Itek Energy and do not impair the function of the Product do not constitute Covered Defects for purposes of this Limited Warranty.

2. In the event a Product has a Covered Defect as described in this Section A during the warranty period, Itek Energy will provide one of the following remedies as selected by Itek Energy in its sole discretion: (i) repair the Product or defective component, (ii) supply a replacement Product or component, or (iii) refund an appropriate residual value of the Product.

## B. Twenty-Five Year Limited Service Warranty:

1. The Product which you have purchased has a performance specification within a certain tolerance range of 3% with regard to the power output (the so-called effective output). The relevant effective output can be found on the nameplate on the reverse of the Product. Purchasers understand and acknowledge that the actual output of the Products may decline slightly over a period of 25 years from the Initial Purchase Date.
2. Itek Energy guarantees that the actual output of the Product will decline by an average of less than 1% annually over a period of 25 years from the Initial Purchase Date and that, by the end of the 25th year from the Initial Purchase Date, produce an actual output of at least 80% of the actual output upon installation immediately after the Initial Purchase Date. In the event a Product does not comply with the warranty in this Section 2(B), Itek Energy will provide one of the following remedies as selected by Itek Energy in its sole discretion: (i) repair the Product or defective component or (ii) supply a replacement Product or component, in each case to the extent necessary to provide Purchaser with a Product which complies with the warranty in this Section 2(B). After the expiration of 15 years from the Initial Purchase Date, Itek Energy may in its sole discretion alternatively elect to refund an appropriate residual value of the Product.
3. Purchasers acknowledge that, when Itek Energy elects to supply replacement Products or components, it may supply used and/or repaired Products or components.

## C. Certain Limitations:

1. The effective output and the actual output of the Products are to be determined for purposes of this Limited Warranty under standard conditions, as described under IEC 60904, with associated testing conducted by either a qualified third party or Itek Energy (if the latter, in accordance with EN 50380).
2. This Limited Warranty does not impose responsibility on Itek Energy under any circumstances for (i) the cost of transporting the Product or repaired or replacement Products components, (ii) the cost of installing or re-installing Products or repaired or replacement Products, or (iii) any other costs or expenses not expressly described in this Limited Warranty as Itek Energy's responsibility.
3. Ownership of all Products which have been replaced pass to Itek Energy.
4. The period of the warranties provided in Paragraphs (A) and (B) shall begin on Initial Purchase Date and shall continue without being affected by any subsequent purchase of the Product. Nor shall they be extended for any reason, including in the event of a repair or exchange of a Product.

**D. Claims Procedure:** As a strict condition to each of Itek Energy's obligations under this Limited Warranty, you must send written notification of a Covered Defect directly to the address specified in Section (G) below. The notification must be accompanied by the original sales receipt for the purchase of the Product on the Initial Purchase Date. A notice of a defect subject to this Limited Warranty must be received by Itek Energy not later than forty-five (45) calendar days following the date on which the Purchaser becomes aware, or reasonably should become aware, of a Covered Defect. The return of a Product is permitted only with the prior written authorization of Itek Energy.

**E. Additional Conditions and Exclusions:** This Limited Warranty shall become null and void unless the Product is properly installed, used, operated, and maintained, whether by the Purchaser or a third party, in strict accordance with instructions and information provided by Itek Energy and as otherwise reasonable. Additionally, and without limitation of the preceding sentence, this Limited Warranty shall not apply to Covered Defects resulting from or associated with any of the following:

- A Product, including any cable, plug or other component being positioned in water
- Abrasion on a rough lower surface owing to insufficient fixing or owing to unprotected running of the cable over sharp edges
- Exchange, repair or modification of the Products except in compliance with instructions furnished by Itek Energy
- Damage or destruction caused in whole or in part by persons or animals
- Incorrect storage or inappropriate transport before installation if not within the direct control of Itek Energy.
- Damage to the customer system or incompatibility of the customer's system equipment with the Product.
- Use of Products on mobile units such as vehicles or ships.
- The effect of dirt, other foreign substances or other contamination on the face-plate, including, by way of example, smoke, salt or chemicals
- Force majeure such as flooding, fire, explosions, rock-falls, direct or indirect lightning strikes or other extreme weather conditions (e.g., hail, hurricanes, tornados, sand or dust storms), or other circumstances outside the control of Itek Energy.
- Removal or alteration of, damage to or rendering unreadable (by any person) any label or serial number on Product.

**F. Limitation of Liability:** The remedies set forth in this Limited Warranty are the exclusive remedies available to the Purchaser. Itek Energy shall not be liable for damage, injury or loss arising out of or related to a Product except as expressly set forth in this Limited Warranty. In particular, but without limitation, under no circumstances shall Itek Energy be liable for incidental, punitive, consequential, special or other indirect damages in any way connected with a Product or its use. Itek Energy's aggregate liability, if any, shall in any case be limited to the Product's purchase price.

**G. Contacts:** All communications required or otherwise relating to this Limited Warranty must be in writing and sent to the following address: Itek Energy, LLC, 3886 Hammer Dr., Bellingham, WA 98226

**H. Choice of Law:** This Limited Warranty, including without limitation the rights and responsibilities granted hereunder, shall be governed and construed in accordance with the laws of the State of Washington, without regard to the conflicts of law provisions thereof.

**I. Disclaimer:** This Limited Warranty is expressly intended to exclude all other express or implied warranties, including without limitation the warranties of merchantability and fitness for a particular purpose. This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties or the exclusion or limitation of damages, so some of the above limitations may not apply to you.

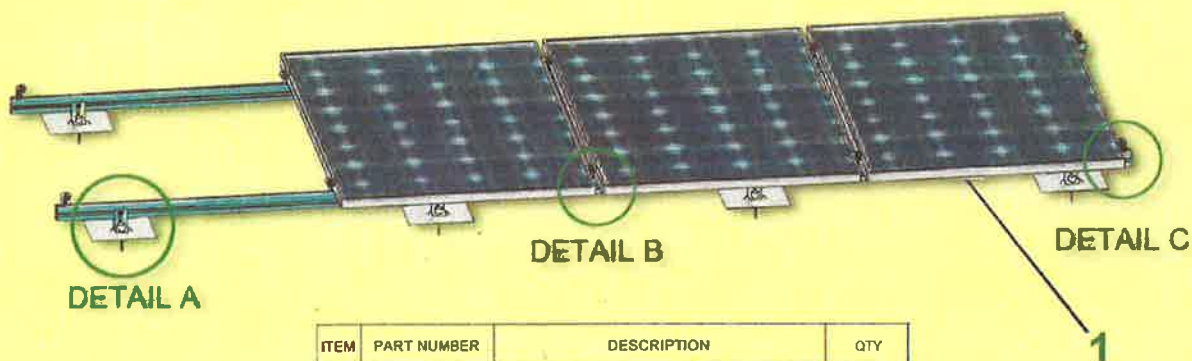
**J. Severability:** If any provision of this Limited Warranty is held unenforceable or illegal, or otherwise limited in its application, by a court or other authority with competent jurisdiction, such provisions shall be modified to the minimum extent required such that the rest of this Limited Warranty will continue in full force and effect in accordance with its terms.



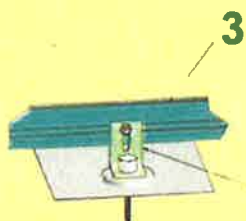
For more Information: Sales 503-850-4633  
quintero@sunmodo.com

## Rail Pak 4

www.sunmodo.com



ITEM	PART NUMBER	DESCRIPTION	QTY
1		Panel *** Not Provided	4
2	K10040-001	LEZ ROOF MOUNT KIT	8
3	A20015-XXX	TOTAL AL RAILS LENGTH (INCH)	332
4	K10002-XXX	END CLAMP KIT	4
5	K10001-001	MID CLAMP KIT	6
6	K10037-001	1/4 AL RAIL SPLICE KIT	2



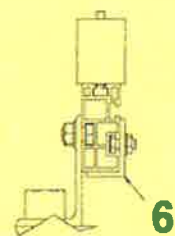
DETAIL A



DETAIL B

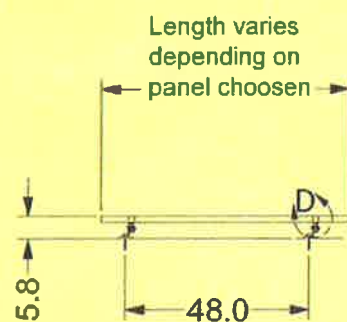
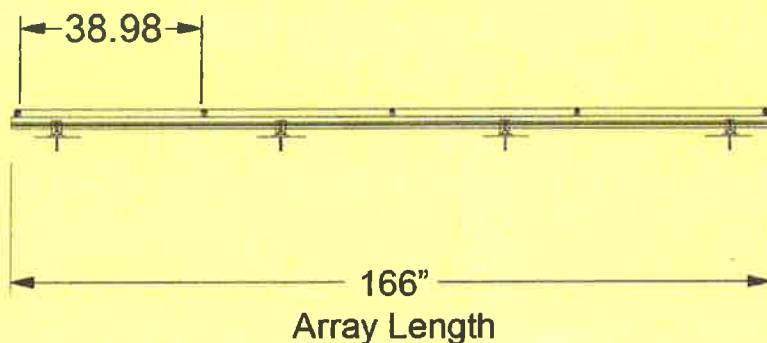


DETAIL C



DETAIL D

### Dimensions:



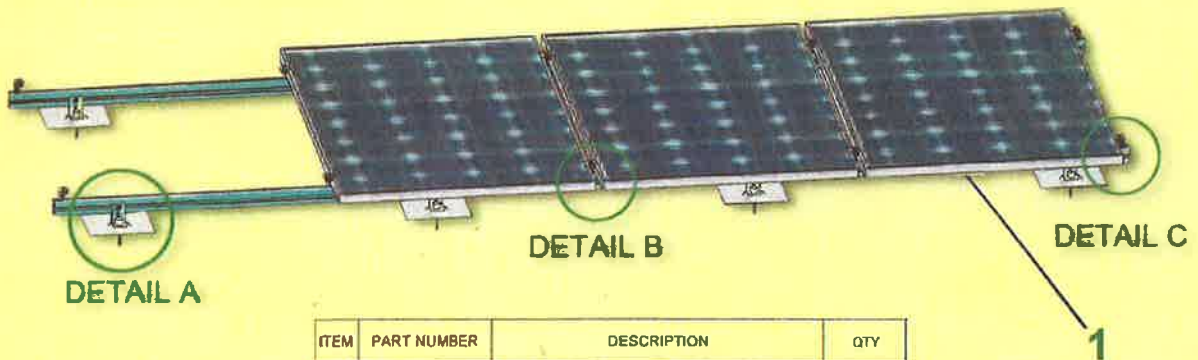
# Rail Pak 4



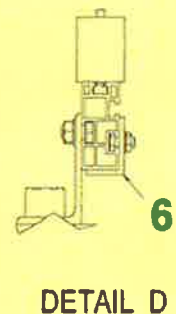
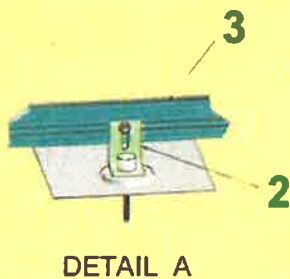
For more Information: Sales 503-850-4633  
quintero@sunmodo.com

## Rail Pak 4

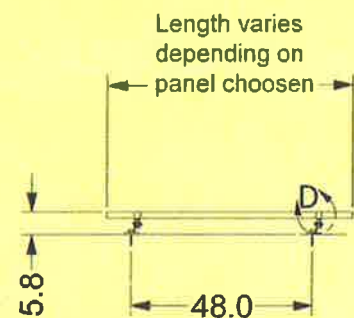
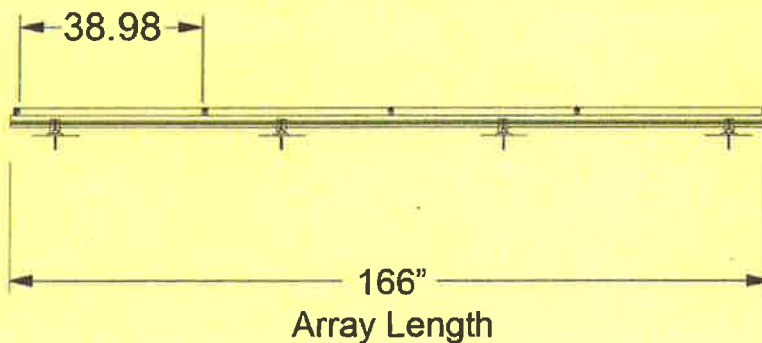
www.sunmodo.com



ITEM	PART NUMBER	DESCRIPTION	QTY
1		Panel *** Not Provided	4
2	K10040-001	L EZ ROOF MOUNT KIT	8
3	A20015-XXX	TOTAL AL RAILS LENGTH (INCH)	332
4	K10002-XXX	END CLAMP KIT	4
5	K10001-001	MID CLAMP KIT	6
6	K10037-001	1/4 AL RAIL SPLICE KIT	2



### Dimensions:



# Rail Pak 4